

APR 19 2007

67108-052
Khan 7-54**Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A method of transmitting a sub-packet in a parallel channel encoder packet transmission system comprising the steps of:

attaching

a sequence identifier,

a user identifier and

an encoder packet identifier that corresponds to at least a number of parallel channels in the transmission system

to a first sub-packet to produce a first sub-packet with identifiers; and

transmitting the first sub-packet with identifiers to a user identified by the user identifier.

2. (Original) The method of claim 1, wherein the sequence identifier comprises one bit for indicating a first transmission or a re-transmission of the first sub-packet.

3. (Original) The method of claim 1, wherein the sequence identifier comprises more than one bit for indicating a transmission sequence of the first sub-packet.

4. (Original) The method of claim 1, wherein the encoder packet identifier comprises one bit if the parallel channel encoder packet transmission system has two channels.

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5. (Original) The method of claim 1, wherein the encoder packet identifier comprises two bits if the parallel channel encoder packet transmission system has four channels.
6. (Previously Presented) The method of claim 1 comprising:
receiving a NACK from the user identified by the user identifier;
attaching a second sequence identifier, the user identifier and the encoder packet identifier to a new version of the first sub-packet to produce a new version first sub-packet with identifiers, the new version first sub-packet being soft combinable with the first sub-packet, the second sequence identifier indicating that the new version first sub-packet is a re-transmission of the first sub-packet; and
transmitting the new version first sub-packet with identifiers.
7. (Previously Presented) The method of claim 6, wherein the first sub-packet and new version first sub-packet are identical.
8. (Previously Presented) The method of claim 6, wherein the first sub-packet and new version first sub-packet are not identical.
9. (Original) The method of claim 6, wherein the first sub-packet with identifiers and the new version first sub-packet with identifiers are transmitted over different channels.

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10. (Cancelled)

11. (Currently Amended) A method of receiving a sub-packet in a parallel channel encoder packet transmission system comprising the steps of:

receiving at a receiver a sub-packet with a user identifier, a sequence identifier and an encoder packet identifier that corresponds to at least a number of parallel channels in the transmission system;

determining if the received sub-packet is intended for the receiver using the user identifier;

determining if the received sub-packet is a re-transmission of a previously received sub-packet using the sequence identifier; and

if the received sub-packet is a re-transmission of a previously received sub-packet, soft combining the received sub-packet with a previously received sub-packet having an identical encoder packet identifier.

12. (Original) The method of claim 11, wherein the received sub-packet and the previously received sub-packet having the identical encoder packet identifier were received over different channels.

13. (Original) The method of claim 11, wherein the received sub-packet and the previously received sub-packet having the identical encoder packet identifier were received over identical channels.